

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 2    | ("20040066854").PN.                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/11<br>11:01 |
| S2    | 131  | hannuksela .in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/11<br>11:11 |
| S3    | 26   | S2 and refresh\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/11<br>11:18 |
| S4    | 6    | ((("5778143") or ("5726711") or ("5635982")).PN.          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/12/11<br>11:19 |
| S5    | 2    | S4 and random and refresh and (picture or image or video) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/11<br>11:20 |
| S6    | 2    | S5 and progressiv\$4                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/11<br>11:21 |
| S7    | 2    | S6 and decod\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/12<br>12:18 |

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| S9  | 2   | S7 and predetermin\$3                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>11:22 |
| S10 | 2   | S9 and complete  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>12:40 |
| S11 | 9   | gradual with (picture or image) with refresh\$3        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>12:11 |
| S12 | 3   | "6618443" .pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>12:07 |
| S13 | 14  | gradual same (picture or image) with refresh\$5        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>13:24 |
| S14 | 2   | S1 and gradual and refresh\$5 and evolve and region\$1 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>13:02 |
| S15 | 483 | region with evolve                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>13:02 |
| S16 | 12  | S15 and refresh\$5                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>13:02 |

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| S17 | 0    | S12 and refresh\$5 and (region or particular or part) and (picture or image or video or frame) and random      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>13:41 |
| S18 | 0    | S12 and refresh\$5 and (region or particular or part)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>13:39 |
| S19 | 0    | S12 and refresh\$5   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>13:39 |
| S20 | 0    | S12 and (region or particular or part) and (picture or image or video or frame) and random                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>13:41 |
| S21 | 7351 | (( 348/384,420,403,405,404,408,409,410,399,400,419,420,390) or (382/232,167,162) or (386/68,111,112,109)).cls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>14:20 |
| S22 | 6052 | "13" and S21   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>14:20 |
| S23 | 14   | gradual same (picture or image) with refresh\$5  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>14:21 |
| S24 | 0    | S23 and S21  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>14:20 |

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| S25 | 8036 | (picture or image) with refresh\$5  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>14:21 |
| S26 | 125  | S25 and S21   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>14:21 |
| S27 | 24   | S26 and gradual\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>14:27 |
| S28 | 3    | S27 and progressive\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>14:27 |
| S29 | 213  | progressive with refresh\$5   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>10:22 |
| S30 | 7359 | (( 348/384,420,403,405,404,408,409,410,399,400,419,420,390) or (382/232,167,162) or (386/68,111,112,109)).ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>14:10 |
| S31 | 18   | S29 and S30   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>10:22 |
| S32 | 151  | predicted with random with access   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>14:09 |

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| S33 | 17    | S32 and temporally   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>11:50 |
| S34 | 11    | S29 and evolve\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>12:18 |
| S35 | 45    | ("3934268"   "4031548"   "4139867"   "4193098"   "4263623"   "4290087"   "4339775"  <br>"4355324"   "4392162"   "4504869"   "4510538"   "4541020"   "4558376"   "4584613"  <br>"4636874"   "4636879"   "4668998"   "4783707"   "4807053"   "4825301"   "4887169"  <br>"4910605"   "4985781"   "5027235"   "5047869"   "5050014"   "5065259"   "5097363"  <br>"5119208"   "5126852"   "5132807"   "5134464"   "5136391"   "5136394"   "5140417"  <br>"5140437"   "5144425"   "5146337"   "5148272"   "5212549"   "5218449"   "5225946"  <br>"5282049"   "5291343"   "5355229").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:32 |
| S36 | 51    | ("3934268"   "4031548"   "4139867"   "4193098"   "4263623"   "4290087"   "4339775"  <br>"4355324"   "4392162"   "4504869"   "4510538"   "4541020"   "4558376"   "4584613"  <br>"4636874"   "4636879"   "4668998"   "4783707"   "4807053"   "4825301"   "4887169"  <br>"4910605"   "4985781"   "5027235"   "5047869"   "5050014"   "5065259"   "5097363"  <br>"5119208"   "5126852"   "5132807"   "5134464"   "5136391"   "5136394"   "5140417"  <br>"5140437"   "5144425"   "5146337"   "5148272"   "5212549"   "5218449"   "5225946"  <br>"5282049"   "5291343"   "5301032"   "5355229"   "5416604"   "5477397"   "5497246"  <br>"5533138"   "5559557").PN. | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:35 |
| S37 | 3871  | ("I" or "B" or "P") with indication with direction\$1  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:40 |
| S38 | 7     | S37 and MPEG\$   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:36 |
| S39 | 3     | ("5132792"   "5210605"   "5424779").PN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:40 |
| S40 | 2301  | MPEG\$ with bit\$1stream   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:40 |
| S41 | 2170  | S40 and ("I" or "B" or "P")  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:41 |
| S42 | 63501 | growth with rate   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:46 |
| S43 | 13    | S41 and S42  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:41 |
| S44 | 261   | growth with rate with (macro\$1block or block)   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:47 |
| S45 | 0     | S44 and S40  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:47 |

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| S46 | 2     | S44 and MPEG  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:49 |
| S47 | 928   | evolution with direction\$1   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:49 |
| S48 | 0     | S44 and S47   | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:49 |
| S49 | 10    | S47 and MPEG  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2006/12/12<br>13:50 |
| S50 | 448   | "JVT"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>14:08 |
| S51 | 176   | S50 and (random with access)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>15:51 |
| S52 | 11094 | (( 348/384,420,403,405,404,408,409,410,399,400,419,420,390) or (382/232,167,162) or (386/68,111,112,109) or (375/240.27,240.12,240.16)).ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>14:11 |
| S53 | 76    | S51 and S52   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>14:20 |
| S54 | 51    | S50 and refresh\$5  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>14:20 |
| S55 | 28    | S54 and (random with access)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>14:20 |
| S56 | 11028 | ((increas\$3 or growth) with rate with (frame\$1 or macro\$1blocks or macroblock\$1 or block\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>15:57 |

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| S57 | 617 | S56 and refresh  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>15:50 |
| S58 | 261 | S57 and (random with access)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>15:51 |
| S59 | 228 | S58 and (video or picture)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>15:59 |
| S60 | 27  | S59 and evol\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>15:52 |
| S61 | 309 | (growth or grows) near3 rate with (frame\$1 or macro\$1blocks or macroblock\$1 or block\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:09 |
| S62 | 59  | S61 and (video or picture)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>15:59 |
| S63 | 12  | (growth or grows) near3 rate with (region\$1 or parts) with ( frame\$1 or macro\$1blocks or macroblock\$1 or block\$1)                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:14 |
| S64 | 168 | (growth or grows or increase) near3 rate with (region\$1 or parts) with (frame\$1 or picture or macro\$1blocks or macroblock\$1 or block\$1) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:15 |

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| S65 | 61    | S64 and shape   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:27 |
| S66 | 56720 | video with cod\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:28 |
| S67 | 7     | indicat\$3 with (grow\$3 or growth or grows) with (region\$1 or part\$1) with scal\$1 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:30 |
| S68 | 2647  | (region\$1 or part\$1) with (grow\$3 or growth) near3 rate                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:31 |
| S69 | 1699  | region\$1 with (grow\$3 or growth) near3 rate   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:31 |
| S70 | 67    | indicat\$3 with region\$1 with (grow\$3 or growth) near3 rate                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:32 |
| S71 | 7     | S70 and (video or picture)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:40 |
| S72 | 5853  | (amount or rate) with region\$1 near4 (grown or increase or grow\$1 or growth)        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12<br>16:44 |



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| S73 | 9   | S72 same S66  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/12<br>16:42 |
| S74 | 143 | indicat\$3 with (amount or rate) with region\$1 near4 (grown or increase or grow\$1 or growth)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/12<br>16:45 |
| S75 | 8   | S74 and video   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/12<br>16:45 |
| S76 | 777 | number near4 (macro\$1block or macroblock\$1) with (picture or region\$1 or boundary or border) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/13<br>11:40 |
| S77 | 560 | S76 and rate  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>11:19 |
| S78 | 551 | S77 and video   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>11:20 |
| S79 | 91  | S78 and refresh   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>11:21 |
| S80 | 565 | S76 and (increase or grows or grown or growth)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>11:22 |

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| S81 | 83    | S80 and refresh   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>11:21 |
| S82 | 82    | S81 and rate  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>11:21 |
| S83 | 82    | S79 and (increase or grows or grown or growth)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>11:22 |
| S84 | 6     | (macro\$1block or macroblock\$1) near3 size with chang\$3 with (picture or region\$1 or boundary or border) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/13<br>12:20 |
| S85 | 15598 | (amount or ratio or rate) with (macroblock\$1 or macro\$1blocks or region\$1) with chang\$3                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/13<br>12:23 |
| S86 | 2336  | S85 and video   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/13<br>12:24 |
| S87 | 1638  | S86 and (frame\$1 or picture\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/13<br>12:24 |
| S88 | 624   | (amount or ratio or rate) with (macroblock\$1 or macro\$1blocks or region\$1) with size with chang\$3       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2006/12/13<br>12:45 |

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| S89 | 133 | S88 and video  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>12:24 |
| S90 | 92  | S89 and (frame\$1 or picture\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>12:24 |
| S91 | 33  | indicat\$3 with (amount or ratio or rate) with (macroblock\$1 or macro\$1blocks or region\$1) with size with chang\$3            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>12:48 |
| S92 | 23  | S91 and (frame\$1 or picture\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>12:48 |
| S93 | 33  | indicat\$3 with (amount or ratio or rate or varying) with (macroblock\$1 or macro\$1blocks or region\$1) with size with chang\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>12:48 |
| S94 | 23  | S93 and (frame\$1 or picture\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>12:59 |
| S95 | 2   | defin\$3 with "how many" with (macroblock\$1 or macro\$1blocks) with picture\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>13:00 |
| S96 | 7   | defin\$3 with ("how many" or amount or count) with (macroblock\$1 or macro\$1blocks) with picture\$1                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>13:01 |

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| S97  | 10    | defin\$3 with ("how many" or amount or count\$3) with (macroblock\$1 or macro\$1blocks) with picture\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>13:01 |
| S98  | 12    | indicat\$3 with (growth or change or enlarg\$5 or increase) near3 size with (macroblocks or macro\$1blocks or region\$1) with (picture or frame\$1)                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>13:18 |
| S99  | 0     | indicat\$3 with (ratio or rate) with (growth or change or enlarg\$5 or increase) near3 size with (macroblocks or macro\$1blocks or region\$1) with (picture or frame\$1) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>13:18 |
| S100 | 183   | indicat\$3 with (amount or ratio or rate) with (macroblock\$1 or macro\$1blocks or region\$1) near3 (expansion\$1 or change\$1 or grow\$3)                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>14:18 |
| S101 | 34174 | video with sequence  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>14:18 |
| S102 | 13    | S100 and S101  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>14:18 |
| S103 | 147   | mpeg with ("I" or "P" or "B") with direction   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>15:10 |
| S104 | 7     | S103 and refresh\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>15:37 |

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| S105 | 9667 | (mpeg-2 or mpeg2 or mpeg-1 or mpeg) with ("I" or "P" or "B") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>15:39 |
| S106 | 4175 | S105 and direction\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>15:40 |
| S107 | 0    | S105 and indict\$3 with direction\$1                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>15:41 |
| S108 | 652  | S105 and (indicat\$3 with direction\$1)                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>15:42 |
| S109 | 162  | S108 and refresh\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>16:22 |
| S110 | 6    | mpeg with indicat\$3 with prediction with direction\$1       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>16:30 |
| S111 | 393  | indicat\$3 with prediction with direction\$1                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>16:31 |
| S112 | 137  | S111 and region\$1   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13<br>16:31 |

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| S113 | 62    | S112 and mpeg  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/13<br>16:31 |
| S114 | 2     | ("20040066854").PN.                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/11<br>11:01 |
| S115 | 1     | S114 and (first with coded with picture)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/11<br>11:02 |
| S116 | 0     | S114 and (first adj1 coded adj1 picture)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/11<br>11:02 |
| S117 | 1     | S114 and motion with compensation                        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/11<br>11:26 |
| S118 | 64    | intra same (tag or indicat\$3) same (display adj2 order) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/11<br>11:26 |
| S119 | 64    | S118 and (decod\$3 or decompres\$4)                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/11<br>11:16 |
| S120 | 38412 | video with sequence                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/11<br>11:16 |

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| S121 | 48    | S119 and S120  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>11:24 |
| S122 | 32388 | correct\$2 with (decod\$3 or decompres\$4)                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>11:26 |
| S123 | 2326  | S120 and S122  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>11:26 |
| S124 | 366   | S123 and (display adj2 order)                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>11:26 |
| S125 | 237   | S124 and motion with compensation                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>11:27 |
| S126 | 182   | S125 and intra   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>11:27 |
| S127 | 156   | S126 and prior   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>11:34 |
| S128 | 0     | display with order with (prior or before) near4 (intra adj1 coded) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>11:35 |

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|------|------|---|---|----|----|---------------------|
| S129 | 0    | (display with order) same (prior or before) near4 ((intra adj1 coded) or "I")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>12:15 |
| S130 | 1331 | secure\$1 with video with signal  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>12:15 |
| S131 | 106  | S130 and duplicat\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>12:16 |
| S132 | 50   | S131 and encrypt\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/11<br>12:16 |
| S133 | 54   | (US-20050031030-\$ or US-20040008783-\$ or US-20030099292-\$ or US-20040008775-\$ or US-20040001546-\$ or US-20030185298-\$ or US-20030169816-\$ or US-20040066854-\$ or US-20060115001-\$ or US-20050063596-\$ or US-20020010859-\$ or US-20040170330-\$ or US-20040008766-\$).did. or (US-6181872-\$ or US-7003035-\$ or US-6980596-\$ or US-5371846-\$ or US-6643403-\$ or US-6782132-\$ or US-5701164-\$ or US-6271825-\$ or US-6246796-\$ or US-5287178-\$ or US-5732217-\$ or US-5903263-\$ or US-6008849-\$ or US-6028632-\$ or US-5799129-\$ or US-5937138-\$ or US-6245982-\$ or US-6210328-\$ or US-6188777-\$ or US-5745645-\$ or US-6025881-\$ or US-5237410-\$ or US-4679077-\$ or US-5855433-\$ or US-5731840-\$ or US-5715008-\$).did. or (US-6125143-\$ or US-5647049-\$ or US-5946040-\$ or US-6353681-\$ or US-5726711-\$ or US-6104831-\$ or US-RE37994-\$ or US-4890319-\$ or US-6072831-\$ or US-5778143-\$ or US-6701018-\$ or US-6621931-\$ or US-5903282-\$ or US-6499060-\$).did. or (WO-2003094530-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/10/12<br>14:35 |
| S134 | 10   | S133 and (indicat\$4 with "intra")  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/10/12<br>14:48 |
| S135 | 481  | (flag or "ID" or indication) same indicat\$3 same (coding with mode)  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/10/12<br>14:50 |
| S136 | 5911 | (encoded or compressed) with bit\$1stream   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/10/12<br>14:51 |
| S137 | 93   | S135 and S136   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/10/12<br>14:51 |



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|------|-------|--|---|----|-----|---------------------|
| S138 | 29473 | motion with compensat\$3   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2007/10/12<br>14:51 |
| S139 | 82    | S137 and S138  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2007/10/12<br>14:51 |
| S140 | 59761 | encod\$3 with order  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2007/10/12<br>14:52 |
| S141 | 76    | S139 and S140  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2007/10/12<br>15:17 |
| S142 | 1396  | first with (flag or indicat\$3 or "ID") with (intra or "I") with (picture or frame)  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2007/10/12<br>15:55 |
| S143 | 349   | S142 and S138  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2007/10/12<br>15:19 |
| S144 | 210   | S143 and preceding   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2007/10/12<br>15:28 |
| S145 | 44    | ((("20060285589") or ("20070086521") or ("20030112361") or ("20020167960") or ("20040100929") or ("20050147058") or ("5061928") or ("6222924") or ("6377813") or ("6288641") or ("6411630") or ("6983313") or ("6941270") or ("6366659") or ("6393347") or ("6524189") or ("6674734") or ("6567664") or ("6721542") or ("6584164") or ("6909345") or ("6560443"))).PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/12<br>15:31 |
| S146 | 0     | S145 and S142  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/12<br>15:31 |
| S147 | 5     | S145 and flag  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/12<br>15:33 |
| S148 | 14    | S145 and whether   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/12<br>15:44 |

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| S149 | 3    | "6404814" .pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/12<br>15:45 |
| S150 | 2    | "6611561" .pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/12<br>15:45 |
| S151 | 18   | ("5228028"   "5455629"   "5528284"   "5680322"   "5737022"   "5768533"   "5910827"  <br>"6104757"   "6259736"   "6304295"   "6381282").PN. OR ("6611561").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/10/12<br>15:49 |
| S152 | 1    | "6028631" .pn.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/10/12<br>15:49 |
| S153 | 10   | ("5485504"   "5491507"   "5949484").PN. OR ("6028631").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/10/12<br>15:51 |
| S154 | 1    | "6591014" .pn.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/10/12<br>15:51 |
| S155 | 2419 | (flag or indication) with (intra or "I" or "intra-code" or "intra coded") with (picture or<br>frame)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>15:56 |
| S156 | 862  | S155 and preceding  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>15:56 |
| S157 | 2775 | encoding adj2 order   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>15:57 |
| S158 | 34   | S156 and S157   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>17:27 |

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| S159 | 18  | network with adaptation with syntax | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>17:28 |
| S160 | 7   | "h.264" and S159                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>17:40 |
| S161 | 678 | random with access with identifier  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>17:41 |
| S162 | 1   | S159 and S161                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>17:41 |
| S163 | 1   | S161 and S145                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>19:41 |
| S164 | 678 | random with access with identifier  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>19:53 |
| S165 | 1   | S164 and (sub adj1 sequence)        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>19:42 |

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| S166 | 7   | S155 and S164                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/12<br>19:53 |
| S167 | 112 | network with layer with syntax              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/15<br>12:54 |
| S168 | 708 | "GDR"                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/12<br>20:33 |
| S169 | 14  | S168 and syntax                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/12<br>20:33 |
| S170 | 3   | "20020054641"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/15<br>12:13 |
| S171 | 720 | network with abstraction with layer         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/15<br>12:54 |
| S172 | 158 | S171 and syntax                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/15<br>12:55 |
| S173 | 142 | S172 and (flag or indication or identif\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2007/10/15<br>12:55 |

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| S174 | 108 | S173 and video  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15<br>12:55 |
| S175 | 54  | S174 and intra  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15<br>12:55 |
| S176 | 3   | "20030156640"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/29<br>15:02 |
| S177 | 0   | indicat%3 with intra near3 coded with (picture or image)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/12/29<br>15:05 |
| S178 | 368 | indicat\$3 with intra near3 coded with (picture or image) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/10<br>18:16 |
| S179 | 0   | "leading_picture_flag"                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/10<br>18:36 |
| S180 | 1   | "leading picture flag"                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/10<br>18:37 |
| S181 | 775 | (leading or l) near4 picture with flag                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/10<br>18:37 |

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| S182 | 6   | ("5778143" or ("5726711" or ("5635982"))).PN.               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/10<br>18:39 |
| S183 | 2   | S182 and random and refresh and (picture or image or video) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/10<br>18:39 |
| S184 | 306 | hannuksela .in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/10<br>18:46 |
| S185 | 2   | S184 and S181   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2010/01/10<br>18:46 |
| S186 | 902 | "GDR"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/10<br>18:47 |
| S187 | 1   | S186 and S181   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON  | 2010/01/10<br>18:47 |
| S188 | 2   | "5774206" .pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/11<br>08:50 |
| S189 | 3   | "20030156640"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/24<br>14:00 |
| S190 | 2   | "20050281329"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/01/24<br>15:38 |

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| S191 | 302 | (picture or image or frame) with preced\$3 with intra near4 coded near5 (picture or frame or image)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/21<br>12:48 |
| S192 | 2   | encod\$3 near4 order with succeeding with intra near4 coded   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/21<br>12:49 |
| S193 | 40  | S191 and succeeding with intra near4 coded  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/21<br>12:51 |
| S194 | 395 | (HANNUKI-S HANNUKI-SEIICHI HANNUKI-SEIJI HANNUKI-T HANNUKI-TAKAHISA HANNUKSELA HANNUKSELA-ET-AL HANNUKSELA-HANNU-MATTI-JAAKKO HANNUKSELA-H-M-J HANNUKSELA-J HANNUKSELA-M).in. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/21<br>13:01 |
| S195 | 25  | S194 and (encoding near4 order)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/21<br>13:02 |
| S196 | 2   | ("20040066854").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/07/21<br>13:08 |
| S197 | 0   | S196 and (encoding near4 order)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/21<br>13:08 |
| S198 | 2   | "20040066854"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/21<br>13:08 |

|      |     |  |   |    |    |                     |
|------|-----|--|---|----|----|---------------------|
| S199 | 83  | (US-20030189982-\$ or US-20040170330-\$ or US-20040237122-\$ or US-20060285589-\$ or US-20020010859-\$ or US-20040008766-\$ or US-20040066854-\$ or US-20040212729-\$ or US-20020018643-\$ or US-20070201563-\$ or US-20030128292-\$ or US-20030169816-\$ or US-20050063596-\$ or US-20050031030-\$ or US-20020054641-\$ or US-20040001546-\$ or US-20040008775-\$ or US-20040010802-\$ or US-20040008783-\$ or US-20060115001-\$ or US-20050123045-\$ or US-20030128766-\$ or US-20030099292-\$ or US-20040013202-\$ or US-20060029129-\$ or US-20030016754-\$).did. or (US-20030185298-\$ or US-20030156640-\$ or US-20050281329-\$ or US-20080267287-\$).did. or (US-6782132-\$ or US-5287178-\$ or US-5731840-\$ or US-7116714-\$ or US-6674477-\$ or US-4679077-\$ or US-6621931-\$ or US-6181872-\$ or US-6008849-\$ or US-6245982-\$ or US-5237410-\$ or US-6028632-\$ or US-6499060-\$ or US-6643403-\$ or US-6611561-\$ or US-5855433-\$ or US-6980596-\$ or US-7003035-\$ or US-5799129-\$ or US-6028631-\$ or US-6353681-\$ or US-6125143-\$ or US-6449352-\$ or US-6025881-\$ or US-5778143-\$ or US-6210328-\$).did. or (US-5647049-\$ or US-5732217-\$ or US-4890319-\$ or US-5903282-\$ or US-5903263-\$ or US-5937138-\$ or US-5701164-\$ or US-6701018-\$ or US-6104831-\$ or US-6072831-\$ or US-5946040-\$ or US-5745645-\$ or US-6246796-\$ or US-5371846-\$ or US-6975769-\$ or US-RE37994-\$ or US-5715008-\$ or US-5726711-\$ or US-6560282-\$ or US-7277487-\$ or US-6271825-\$ or US-6188777-\$ or US-RE39110-\$ or US-6160584-\$ or US-6683987-\$ or US-6463101-\$ or US-5729303-\$).did. or (WO-2003094530-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2010/07/21<br>16:59 |
| S200 | 7   | S199 and force   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>16:59 |
| S201 | 940 | first with (picture or image or frame) with (intra near4 (coding or encode or compress \$3))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>17:06 |
| S202 | 43  | S201 and force   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>17:06 |
| S203 | 13  | force with (picture or image or frame) with (intra near4 (coding or encode or compress \$3))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/21<br>17:13 |
| S204 | 5   | "2007024816"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/27<br>16:56 |



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| S205 | 2   | "20070248161"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/27<br>16:57 |
| S206 | 2   | "5680483" .pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/08/01<br>13:35 |
| S207 | 0   | ((("B" or "P") near2 frame) same preced\$3 with intra  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/24<br>15:13 |
| S208 | 186 | ((("B" or "P") near2 frame) same preced\$3 with intra  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/24<br>15:15 |
| S209 | 24  | ((("B" or "P") near2 frame) same succeed\$3 with intra | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/24<br>15:18 |
| S210 | 14  | S208 and S209  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/24<br>15:18 |
| S211 | 2   | "20030128761"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>10:08 |
| S212 | 2   | "20100189182"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>10:10 |

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| S213 | 23     | (random near4 access) same (gradual near4 refresh\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>10:18 |
| S214 | 281977 | (encod\$4 or compress\$4) with (video or image)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>10:18 |
| S215 | 19     | S213 and S214  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>10:19 |
| S216 | 461    | (HANNUKI-S HANNUKI-SEIICHI HANNUKI-SEIJI HANNUKI-T HANNUKI-TAKAHISA<br>HANNUKSELA HANNUKSELA-ET-AL HANNUKSELA-HANNU-MATTI-JAAKKO HANNUKSELA-<br>H-M-J HANNUKSELA-J HANNUKSELA-M).in. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>10:19 |
| S217 | 12     | S216 and S215  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>10:19 |
| S218 | 8728   | predict\$3 with ("B" near4 (picture or frame)) same ("B" near4 (picture or frame))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>11:44 |
| S219 | 8728   | predict\$3 with ("B" near4 (picture or frame)) with ("B" near4 (picture or frame))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>11:45 |
| S220 | 3460   | S219 same S214   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>11:45 |

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| S221 | 1711 | S219 with S214   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>11:45 |
| S222 | 29   | S221 and "NAL"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>11:46 |
| S223 | 8728 | ("B" near4 (picture or frame)) with predict\$3 with ("B" near4 (picture or frame)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>11:50 |
| S224 | 3644 | ("B" near4 (picture or frame)) with predicted with ("B" near4 (picture or frame))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>11:50 |
| S225 | 530  | S224 with S214   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>11:50 |
| S226 | 102  | "5386234"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>12:21 |
| S227 | 30   | "5680483"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>13:34 |
| S228 | 2894 | (discard\$4 or skip\$4) with first with (picture or frame)                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>14:42 |

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| S229 | 249227 | (video or image) with (encod\$4 or decod\$4 or compress44 or decompress\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>14:42 |
| S230 | 389    | S228 same S229  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>14:43 |
| S231 | 73627  | correct\$3 with (decod\$4 or decompress\$4)                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>14:43 |
| S232 | 90     | S230 and S231   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>14:43 |
| S233 | 165351 | (video or image) with (decod\$4 or decompress\$4)                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>15:18 |
| S234 | 843    | (discard or skip\$4) with first near4 image                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>15:18 |
| S235 | 53     | S233 same S234  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>15:19 |
| S236 | 1838   | (decod\$4 or decompress\$4) near4 "GOP"                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>17:31 |

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| S237 | 494  | S236 same order   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>17:31 |
| S238 | 1999 | (discard or skip\$4) with (first near4 (image or frame or picture)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>17:32 |
| S239 | 31   | S237 and S238   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/02/25<br>17:32 |

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